ABSTRACT OF THE DISCLOSURE

A system for power-saving task processing is provided, which avoids sudden stop of execution of tasks (i.e., sudden stop

5   of execution of motions of a battery-powered apparatus) due to lack or insufficiency of battery power and extends the usable period of the apparatus while keeping substantially the same result of execution of tasks. This system comprises (a) a remaining power detector for detecting remaining power of a battery; the remaining

10   power detector outputting a detection result about a value or state of the remaining power of the battery; (b) a motion information storage for storing a motion information table; the motion information table defining a relationship between values or states of the remaining power of the battery on execution of a task and

15   processes for which complete execution is ensured at the respective values or states of the remaining power of the battery; and (c) a task controller for controlling execution of tasks to be executed. When the task controller executes a task, the task controller chooses and executes one of the processes from the motion

20   information table according to the detection result of the remaining power detector.